

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Canceled).

Claim 2 (Previously Presented): A radio communication system in which the same information is transmitted from a radio station to a plurality of mobile stations with a predetermined down link transmission power, wherein

the radio station comprises:

a transmission power controller configured to control the predetermined down link transmission power based on control information transmitted by the mobile stations, and

the mobile station comprises:

a decision unit configured to decide to transmit the control information to the radio station at a predetermined frequency when a plurality of same information pieces are received by a transceiver; and

a transmitter configured to transmit the control information to the radio station based on a result of the decision made by the decision unit, the control information being generated according to reception quality of the same information transmitted by the radio station.

Claim 3 (Canceled).

Claim 4 (Currently Amended): A radio communication system in which the same information is transmitted from a radio station to a plurality of mobile stations with a predetermined down link transmission power, wherein

the radio station comprises:

a mobile station selector configured to randomly select a mobile station to which a transmission request for control information is transmitted;

a transmission request transmitter configured to transmit the transmission request to the mobile station selected by the mobile station selector; and

a transmission power controller configured to control the predetermined down link transmission power based on the control information transmitted by the mobile station that has been selected by the mobile station selector, and

the mobile station comprises:

a transmitter configured to transmit the control information to the radio station based on the transmission request transmitted by the radio station.

Claim 5 (Previously Presented): A transmission power control method for controlling a predetermined down link transmission power when transmitting the same information from a radio station to a plurality of mobile stations with the predetermined down link transmission power, the method comprising the steps of:

deciding to transmit control information from the mobile station to the radio station at a predetermined frequency when a plurality of same information pieces are received by a transceiver;

transmitting the control information from the mobile station to the radio station based on a result of the decision, the control information generated according to reception quality of the same information transmitted from the radio station; and

controlling the predetermined down link transmission power in the radio station based on the control information transmitted from the mobile stations.

Claim 6 (Canceled).

Claim 7 (Currently Amended): A transmission power control method for controlling a predetermined down link transmission power when transmitting the same information from a radio station to a plurality of mobile stations with the predetermined down link transmission power, the method comprising the steps of:

selecting, randomly, a mobile station to which a control information transmission request is transmitted in the radio station;

transmitting the transmission request from the radio station to the selected mobile station;

transmitting the control information from the mobile station to the radio station based on the transmission request transmitted from the radio station; and

controlling the predetermined down link transmission power in the radio station based on the control information transmitted from the mobile station.

Claim 8 (Previously Presented): A mobile station for receiving the same information transmitted from a radio station with a predetermined down link transmission power, the mobile station comprising:

a decision unit configured to decide to transmit control information to the radio station at a predetermined frequency when a plurality of same information pieces are received by a transceiver;

a reception quality calculator configured to calculate reception quality of the same information transmitted by the radio station, based on a result of the decision made by the decision unit; and

a transmitter configured to transmit the control information generated based on the reception quality calculated by the reception quality calculator to the radio station.

Claim 9 (Canceled).

Claim 10 (Currently Amended): A radio station for transmitting the same information to a plurality of mobile stations with a predetermined down link transmission power, the radio station comprising:

a mobile station selector configured to randomly select a mobile station to which a transmission request for control information is transmitted; and

a transmission power controller configured to control the predetermined down link transmission power based on the control information transmitted by the mobile station that has been selected by the mobile station selector.

Claim 11 (Currently Amended): A mobile station, comprising:

a decision unit configured to decide to randomly transmit control information to a radio station; and

a transmitter configured to transmit the control information to the radio station based on a result of the decision made by the decision unit, the control information being generated according to reception quality of multicast data transmitted by [[a]] the radio station.

Claim 12 (Canceled).